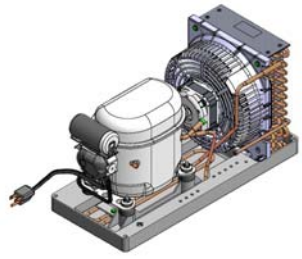
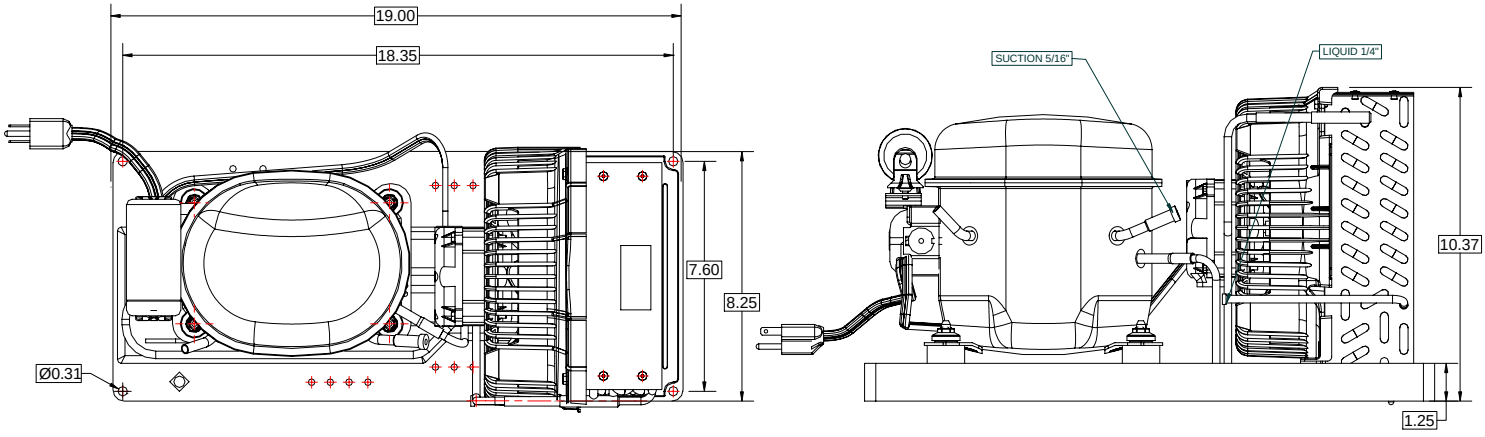
TECUMSEH HERMETIC CONDENSING UNIT

Model	**AEA1360YXAGL , -K**
BOM	**33X500-2, -3**
Air Cooled	**1/5 HP**
Application	**Low Temp**
Refrigerant	**R134a**
Volts-Hz-Ph	**115-60-1**





Model	Dimensions, inch (mm)			Line connections		Pumpdown	Air flow	Oil Ch.	Gross wt.
	L	W	H	Suction	Liquid	90% @90oF	CFM	Oz.	Lbs (kg)
AEA1360YXAGL	19 (483)	8.7 (221)	10.3 (262)	5/16 Sweat	1/4 Sweat	n/a	242	16	39.6 (17.96)
AEA1360YXAGK									

Factory charge 20 psig dry air, **MUST BE EVACUATED**

Evaporator		Ambient Temeratures											
		80°F			90°F			100°F			110°F		
°F	Psig	BTUH	Watts	Cond T	BTUH	Watts	Cond T	BTUH	Watts	Cond T	BTUH	Watts	Cond T
-30	*4.9"	345	146	90	310	141	98	276	138	105	241	133	112
-25	*3.4"	390	154	93	354	151	101	313	148	107	278	144	114
-20	*1.8"	426	165	96	391	162	103	344	160	110	315	156	116
-15	0.0	458	176	98	425	175	106	386	173	112	356	171	118
-10	**1.9**	**539**	**187**	**101**	**476**	**189**	**108**	**430**	**187**	**115**	**403**	**187**	**120**
-5	4.1	594	204	104	531	205	111	491	205	117	461	205	122
0	6.5	665	221	107	610	223	113	565	223	119	532	224	124
5	9.1	767	239	109	698	243	116	650	244	122	620	245	126
10	11.9	879	261	112	816	265	118	761	267	124	726	268	128

Performance @ 60 Hz, Return gas 40°F, SubCooling 5°F

* Inches of mercury below one atmosphere

Parts/Specifications

Unit BOM	**33X500-2**	Condenser	50733-G04
Unit MODEL	**AEA1360YXAGL**	Shroud	
		Fan Guard	116-003P
Refrigeration RANGE	-30°F to 10°F		
Design Pressure Low	150	Replacement Fan Motor	6W115
Design Pressure High	300	F. M., blade, guard assy	YFBG-106
Volts - HZ - Ph	115-60-1	F. M., blade, guard, shroud assy	
Voltage Range	126.5 to 103.5		
Min. Circuit Ampacity	2.91	Electrical Diagram	DEAE-1
Max. Fuse Size	15	Unit Drawing	DGBU-042
Compressor MODEL	AEA1360YXA	**Unit BOM**	**33X500-3**
Compressor BOM	AE810AR-719-A2	**Unit MODEL**	**AEA1360YXAGK**
Compressor LRA	20.7	Power Cord	85106-10
Compressor RLA	2.00	Unit Drawing	DGBU-042
OverLoad	8300MRPM48		
Relay	820RR12K90		
Run Capacitor			
Run Capacitor Rating			
Start Capacitor			
Start Capacitor Rating			
Fan Motor	NUT6B06ZUN301		
Fan Motor RLA	0.41		
Fan Blade	4VEA009